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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/036,444

DATE: 02/01/2002

TIME: 11:35:29

Input Set : N:\CrF3\RULE60\10036444.raw

Output Set: N:\CRF3\02012002\J036444.raw

1 <110> APPLICANT: INNATE PHARMA S.A.S.  
 2 UNIVERSITA DI GENOVA  
 3 <120> TITLE OF INVENTION: "Novel triggering receptor involved in natural  
 4 cytotoxicity mediated by human Natural Killer cells and  
 5 antibodies that identify the same"  
 6 <130> FILE REFERENCE: SEQ-FR-1060  
 7 <140> CURRENT APPLICATION NUMBER: US/10/036,444  
 8 <141> CURRENT FILING DATE: 2002-01-07  
 9 <150> PRIOR APPLICATION NUMBER: 09/440,514  
 10 <151> PRIOR FILING DATE: 1999-11-15  
 11 <150> PRIOR APPLICATION NUMBER: 09/456,199  
 12 <151> PRIOR FILING DATE: 1999-12-07  
 13 <160> NUMBER OF SEQ ID NOS: 13  
 14 <170> SOFTWARE: PatentIn Ver. 2.1  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 674  
 17 <212> TYPE: DNA  
 18 <213> ORGANISM: Human NK cell  
 19 <400> SEQUENCE: 1  
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 22 tgggtgtccc agccccctga gattcgtacc ctggaaggat cctctgctt cctgcctctc 180  
 23 tcttccaatg ccagccaagg gagactggcc attggctccg tcactgtggt ccgagatgag 240  
 24 gtggttccag ggaaggaggt gaggaatgga acccagagt tcaggggcgc cctggcccca 300  
 25 ctgtcttctt ccgcttctct ccatgaccac caggctgagc tgcacatccg ggcagtgcga 360  
 26 ggccatgagc ccagcatcta cgtgtgcaga gtggaggtgc tgggccttgg tgtcgggaca 420  
 27 gggaatggga ctgcgctggt ggtggagaaa gaacatctc agctaggggc tggtagctc 480  
 28 ctctctcttc gggtctgatt ctatgtgtgc agcttctct ctgtggccgt gggcagcacc 540  
 29 gtctattacc agggcaaatg ccactgtcac atgggaacac actgccactc ctcatgtggg 600  
 30 ccccgaggrr tgattccaga gccagatgt cctagtctct cttcaaaaga cccaataaaa 660  
 31 tctgccccac cact  
 32  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 190  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Human NK cell  
 37 <400> SEQUENCE: 2  
 38 Met Ala Trp Met Leu Leu Ile Leu Ile Met Val His Pro Gly Ser  
 39 1 5 10 15  
 40 Cys Ala Leu Trp Val Ser Gln Pro Glu Ile Arg Thr Leu Glu Gly  
 41 20 25 30  
 42 Ser Ser Ala Phe Leu Pro Cys Ser Phe Asn Ala Ser Gln Gly Arg Leu  
 43 35 40 45  
 44 Ala Ile Gly Ser Val Thr Trp Phe Arg Asp Glu Val Val Pro Gly Lys

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47          50          55          60
48  Glu Val Arg Asn Gly Thr Pro Glu Phe Arg Gly Arg Leu Ala Pro Leu
49      65          70          75          80
50  Ala Ser Ser Arg Phe Leu His Asp His Gln Ala Glu Leu His Ile Arg
51      85          90          95
52  Asp Val Arg Gly His Asp Ala Ser Ile Tyr Val Cys Arg Val Glu Val
53      100          105          110
54  Leu Gly Leu Gly Val Gly Thr Gly Asn Gly Thr Arg Leu Val Val Glu
55      115          120          125
56  Lys Glu His Pro Gln Leu Gly Ala Gly Thr Val Leu Leu Arg Ala
57      130          135          140
58  Gly Phe Tyr Ala Val Ser Phe Leu Ser Val Ala Val Gly Ser Thr Val
59      145          150          155          160
60  Tyr Tyr Gln Gly Lys Cys His Cys His Met Gly Thr His Cys His Ser
61      165          170          175
62  Ser Asp Gly Pro Arg Gly Val Ile Pro Glu Pro Arg Cys Pro
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66 <211> LENGTH: 18
67 <212> TYPE: PRT
68 <213> ORGANISM: Human NK cell
69 <400> SEQUENCE: 3
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72  Cys Ala
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75 <211> LENGTH: 120
76 <212> TYPE: PRT
77 <213> ORGANISM: Human NK cell
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81  Ala Phe Leu Pro Cys Ser Phe Asn Ala Ser Gln Gly Arg Leu Ala Ile
82      20          25          30
83  Gly Ser Val Thr Trp Phe Arg Asp Glu Val Val Pro Gly Lys Glu Val
84      35          40          45
85  Arg Asn Gly Thr Pro Glu Phe Arg Gly Arg Leu Ala Pro Leu Ala Ser
86      50          55          60
87  Ser Arg Phe Leu His Asp His Gln Ala Glu Leu His Ile Arg Asp Val
88      65          70          75          80
89  Arg Gly His Asp Ala Ser Ile Tyr Val Cys Arg Val Glu Val Leu Gly
90      85          90          95
91  Leu Gly Val Gly Thr Gly Asn Gly Thr Arg Leu Val Val Glu Lys Glu
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93  His Pro Gln Leu Gly Ala Gly Thr
94      115          120
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 19
98 <212> TYPE: PRT

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99 <213> ORGANISM: Human NK cell
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103   Ala Val Gly
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106 <211> LENGTH: 33
107 <212> TYPE: PRT
108 <213> ORGANISM: Human NK cell
109 <400> SEQUENCE: 6
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112   Cys His Ser Ser Asp Gly Pro Arg Gly Val Ile Pro Glu Pro Arg Cys
113       20               25               30
114   Pro
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 15
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide derived
122   from natural sequence, useful for antiserum
123   production
124 <400> SEQUENCE: 7
125   Trp Val Ser Gln Pro Pro Glu Ile Arg Thr Leu Glu Gly Ser Cys
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129 <211> LENGTH: 40
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: up primer for
134   NKp30 cDNA probe of for NKp30 cDNA amplification
135 <400> SEQUENCE: 8
136   cagggcatct cgagtttccg acatggcctg gatgctgttg
137       10               20               30               40
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139 <211> LENGTH: 40
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence:down primer for
144   NKp30 cDNA probe amplification
145 <400> SEQUENCE: 9
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147       10               20               30               40
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149 <211> LENGTH: 421
150 <212> TYPE: DNA
151 <213> ORGANISM: Human NK cell
152 <400> SEQUENCE: 10

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153      ttccgacatg gcctggatgc tgttgctcat cttgatcatg gtccatccag gatcctgtgc 60
154      tctctgggtg tccacgcccc ctgagattcg taccctggaa ggaatcctctg ccttctgtcc 120
155      ctgtctcttc aatgccagcc aaggagagct ggccattggc tccgtcacgt ggttccgaga 180
156      tgaggtggtt ccagggaagg aggtgaggaa tggaaaccca gagttcaggg gccgcctggc 240
157      cccaattgct tcttcccggt tcttccatga ccaccaggct gagctgcaca tccgggacgt 300
158      gcgaggccat gacgccagca tctacgtgtg cagagtggag gtgctggggc ttggtgtcgg 360
159      gcaggggaat gggactcgcc tgggtggtga gaaagaacat cctcagctag gggctggtac 420
160      a
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163 <211> LENGTH: 22
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence:down primer for
168      Nkp30 cDNA amplification
169 <400> SEQUENCE: 11
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172 <210> SEQ ID NO: 12
173 <211> LENGTH: 606
174 <212> TYPE: DNA
175 <213> ORGANISM: Human NK cell
176 <400> SEQUENCE: 12
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179      ctgtctcttc aatgccagcc aaggagagct ggccattggc tccgtcacgt ggttccgaga 180
180      tgaggtggtt ccagggaagg aggtgaggaa tggaaaccca gagttcaggg gccgcctggc 240
181      cccaattgct tcttcccggt tcttccatga ccaccaggct gagctgcaca tccgggacgt 300
182      gcgaggccat gacgcacagca tctacgtgtg cagagtggag gtgctggggc ttggtgtcgg 360
183      gacagggaaat gggactcgcc tgggtggtga gaaagaacat cctcagctag gggctggtac 420
184      agtctctctc ctctcgggctg gattctatgc tgtcagcttt ctctctgtgg ccgtggggac 480
185      caccgtctat taccagggca aatgccactg tcatatggga aacactcgcc actcctcaga 540
186      tggggcccca ggrgtgattc cagagccacg atgtccctag tctcttcaa aagaccccaa 600
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190 <211> LENGTH: 573
191 <212> TYPE: DNA
192 <213> ORGANISM: Human NK cell
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195      gtgtccacgc cccctgagat tctgacctcg gaaggatcct ctgccttctc gccctgtctc 120
196      ttcaatgcca gccaaaggag actggccatt ggctccgtca cgtggttccg agatgaggtt 180
197      gttccaggga aggaggtgag gaatggaaac ccagagttca ggggccgcct gcgcccaact 240
198      gcttcttccc gtttctccca tgaccacacg gctgagctgc acatccggga cgtgcgaggg 300
199      catgacgcca gcatctactg gtgcagagtg gagggtctgg gccttggtgt cgggacaggg 360
200      aatgggactc ggctggtggt ggagaaagaa catctcagc taggggctgg taacgtctcc 420
201      ctctctcggg ctggattcta tgcgttcacg ttctctctg tggccgtggg cagcacgctc 480
202      tattaccagg gcaaatgcca ctgtcacatg ggaacacact gccactctc agatggggccc 540
203      cgaggrrtga ttccagagcc cagatgtccc tag

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